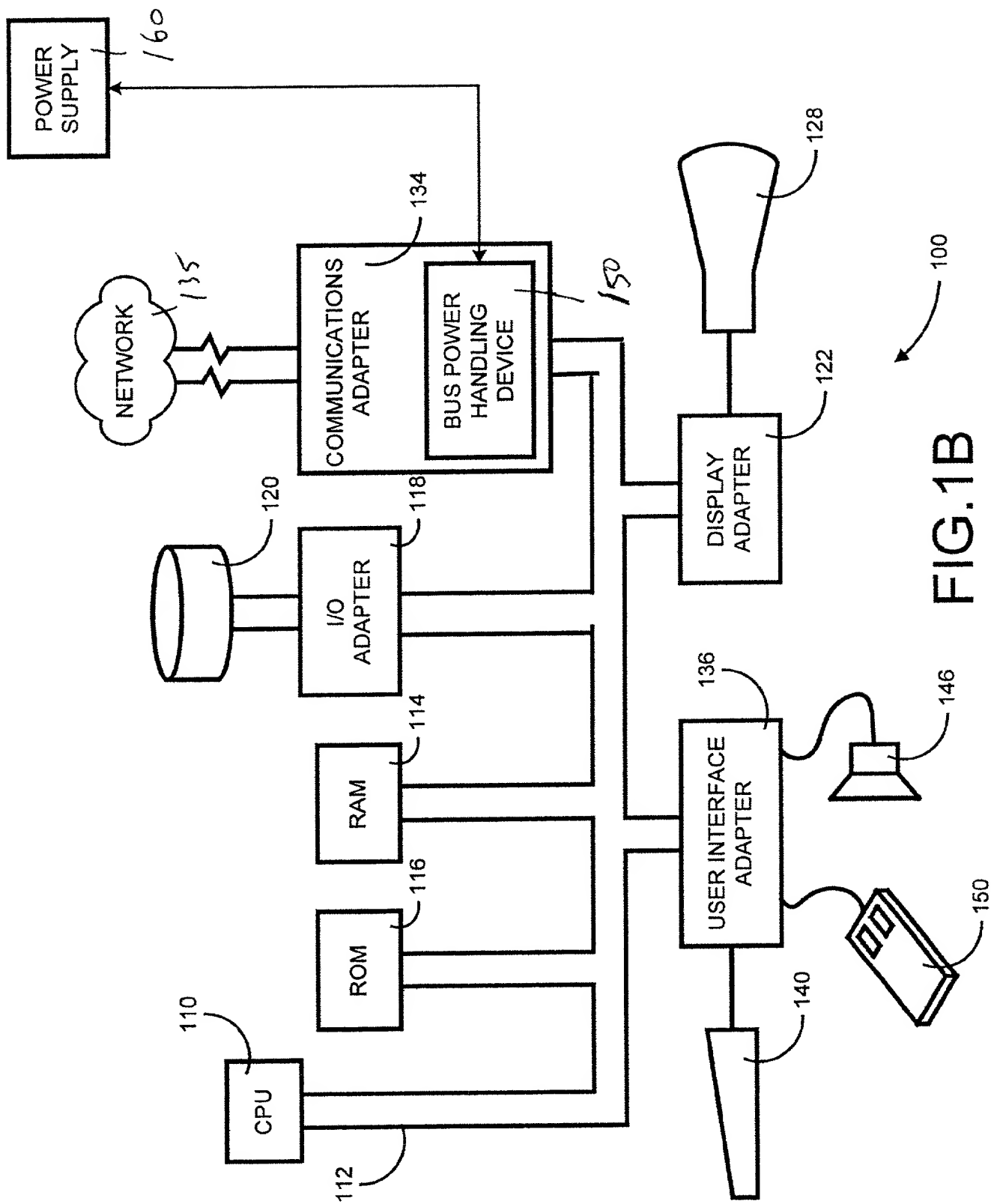


FIG. 1A



**FIG. 1B**

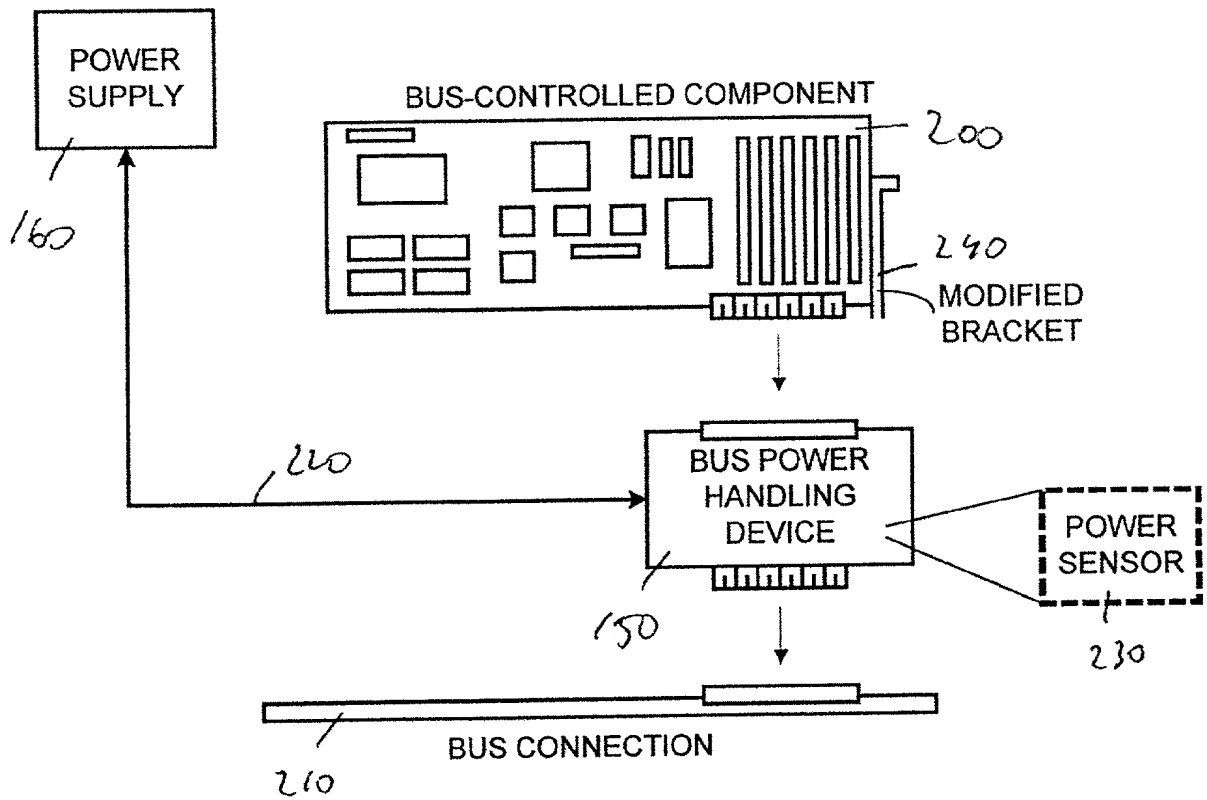


FIG. 2A

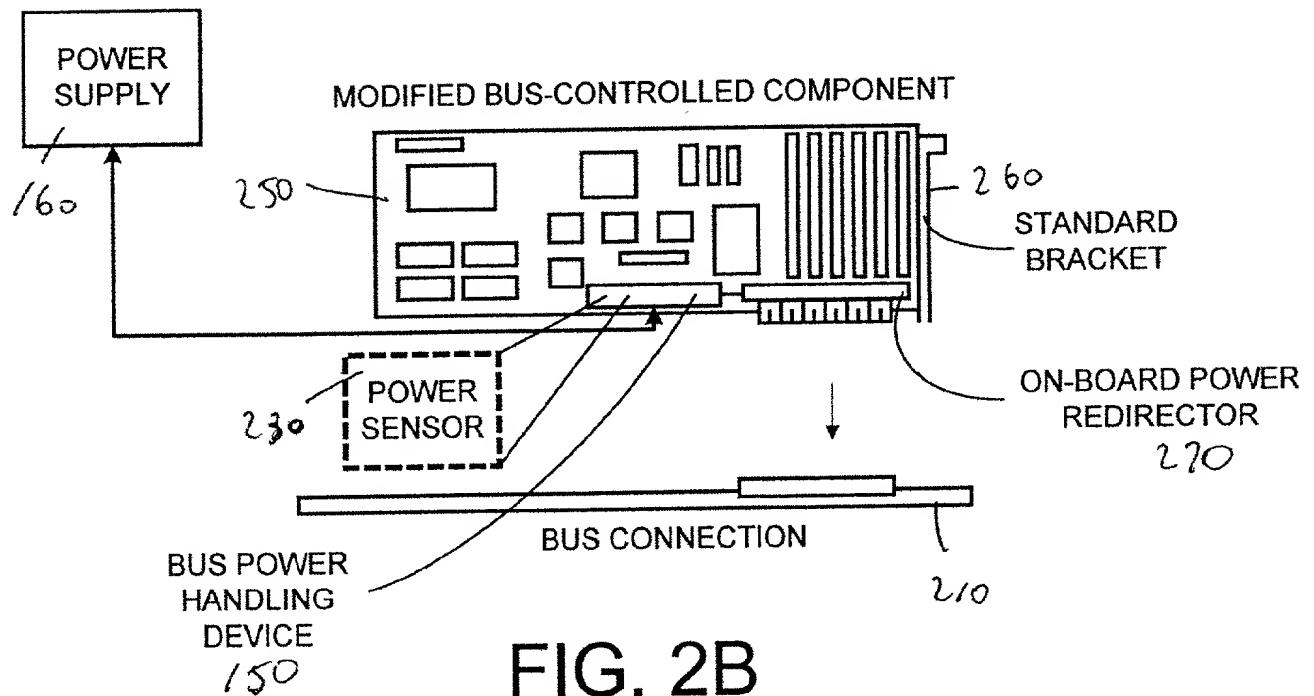


FIG. 2B

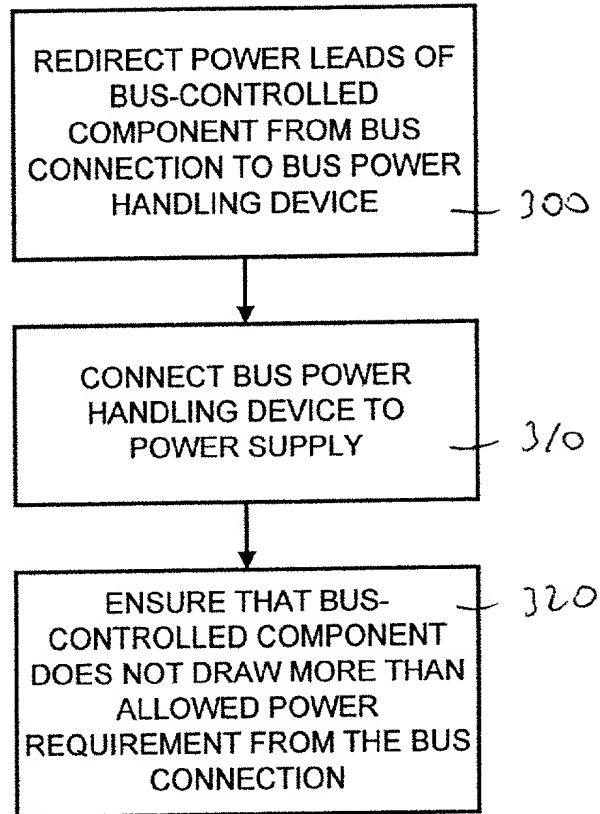
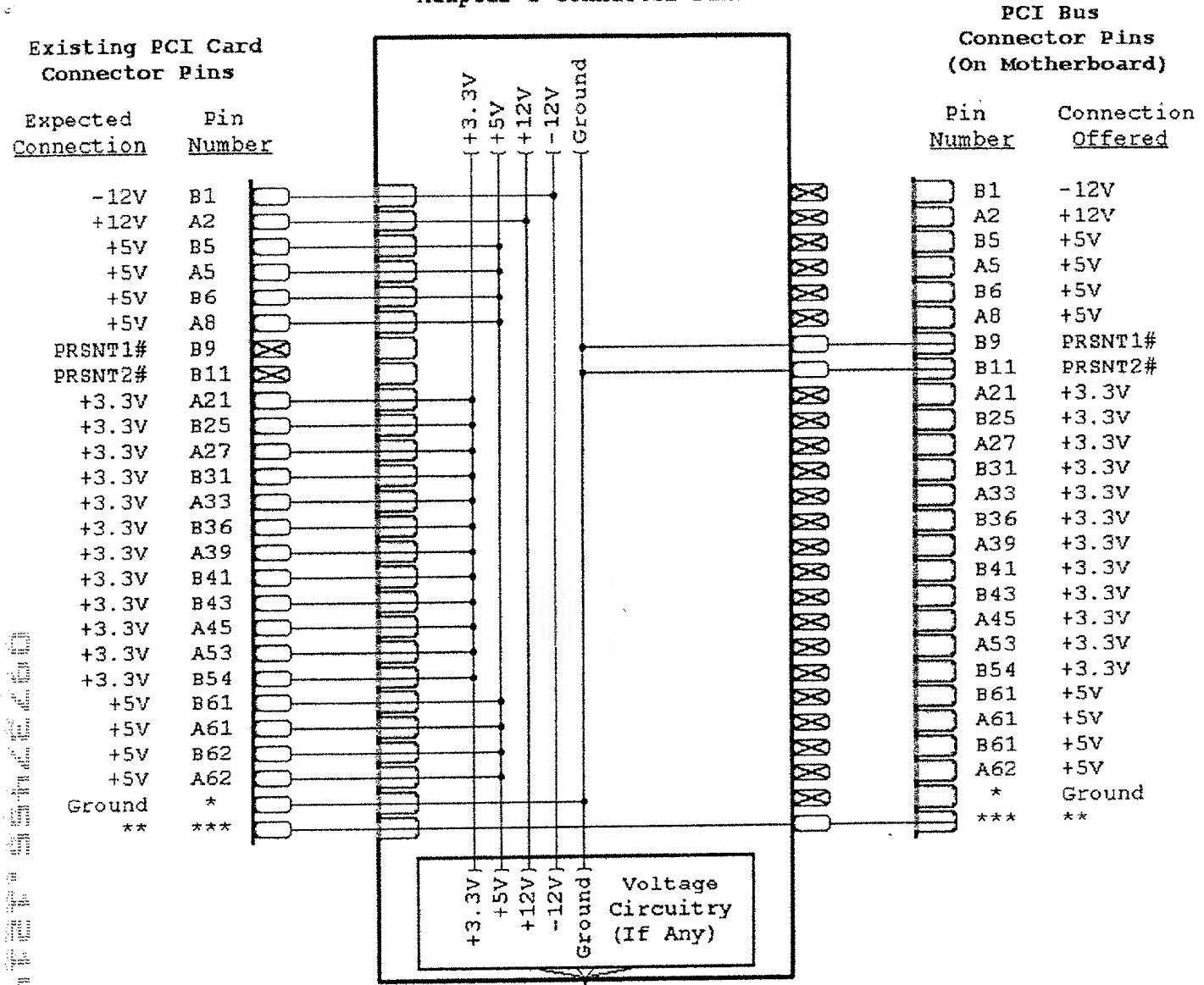


FIG. 3

**PCI Power Consumption Adapter & Connector Pins**  
*BU POWER HANDLING DEVICE (FAN EMBODIMENT)*



PCI male connection pin.  
 PCI female connection pin.  
 PCI connection pin through which no connection passes.

Line to Power Supply Leads

\*\* All other PCI connections not explicitly listed.  
 \*\*\* Corresponding pin numbers for all \*\* not explicitly listed.

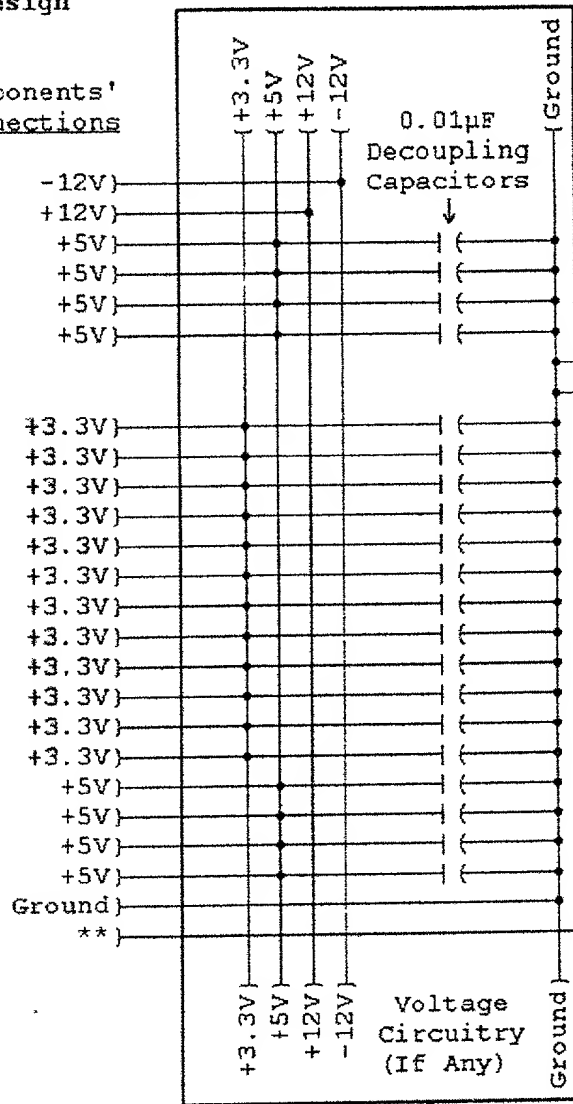
\* Ground connection pin numbers: B3, B15, B17, A18, B22, A24, B28, A30, B34, A35, A37, B38, A42, B46, A48, A56, B57, A63, B64, B67, A69, A72, B73, B76, A78, A81, B82, B85, A87, A90, B91, A93, and B94.

**FIG. 4A**

# PCI BUS POWER HANDLING DEVICE (SECOND EMBODIMENT) ~~On-Board PCI Power~~ ~~Distribution Center~~

New PCI Card Design

Possible Components'  
Expected Connections



PCI Bus  
Connector Pins  
(On Motherboard)

Pin  
Number  
Connection  
Offered

B1	-12V
A2	+12V
B5	+5V
A5	+5V
B6	+5V
A8	+5V
B9	PRSNT1#
B11	PRSNT2#
A21	+3.3V
B25	+3.3V
A27	+3.3V
B31	+3.3V
A33	+3.3V
B36	+3.3V
A39	+3.3V
B41	+3.3V
B43	+3.3V
A45	+3.3V
A53	+3.3V
B54	+3.3V
B61	+5V
A61	+5V
B61	+5V
A62	+5V
*	Ground
***	**

Connection Pins on  
the PCI Card

- PCI male connection pin.
- PCI female connection pin.
- PCI connection pin through which no connection passes.

Line to Power  
Supply Leads

- \*\* All other PCI connections not explicitly listed.
- \*\*\* Corresponding pin numbers for all \*\* not explicitly listed.

- \* Ground connection pin numbers: B3, B15, B17, A18, B22, A24, B28, A30, B34, A35, A37, B38, A42, B46, A48, A56, B57, A63, B64, B67, A69, A72, B73, B76, A78, A81, B82, B85, A87, A90, B91, A93, and B94.

FIG. 4B